

What Is Claimed Is:

1. A lane assist system for a motor vehicle, comprising
 - a surround sensor device (31), which is mounted on the motor vehicle (10), for detecting the lane (20) of the vehicle, and
 - a device (42) for alerting the driver in the event that the vehicle (10) threatens to depart the lane (20) or actually departs the lane, wherein the device (42) is designed in such a way that a vibration, noticeable to the driver, is generated in the driver seat on the side of the seating surface on which a lane departure threatens or is taking place.
2. The lane assist system as recited in Claim 1, wherein the device (42) outputs control signals for a vibration device which cause a vibration in the driver seat on the side of the seating surface on which a lane departure threatens or is taking place.
3. The lane assist system as recited in one of the preceding claims, wherein the vibration is produced by a vibration device which is able to be activated separately for the left and the right side.
4. The lane assist system as recited in Claim 2, wherein the vibration device is integrated into the driver seat in such a way that a vibration is noticeable on the seating surface of the seat.
5. The lane assist system as recited in one of the preceding claims, wherein a secondary warning device (36) for outputting a visual and/or an acoustic warning signal is provided in addition to the vibration device (37).
6. The lane assist system as recited in one of the preceding claims, wherein the surround sensor device (31) of the motor vehicle (10) has a sensor (16), which cooperates with the warning device, for detecting vehicles approaching from the rear and for outputting a warning if, during the change to a new lane (22), a vehicle (29) rapidly approaches from the rear on the new lane (22).

7. A method for operating a lane assist system for a motor vehicle as recited in one of the preceding claims, in which the vehicle's lane is detected, it is judged whether the vehicle threatens to dangerously depart the lane, and a warning for the driver is generated when the vehicle threatens to depart the lane or actually departs the lane,
wherein,
 - as a warning, a vibration, noticeable to the driver, is generated in the driver seat on the side of the seating surface on which the lane departure threatens or actually takes place.